

What is claimed is:

5 1. A barrel latch locking device for a grenade launcher barrel latch, said locking device comprising a body having opposing end portions, a first opposing end portion of said body includes a locking plate, said locking device adapted to be secured to a grenade launcher receiver proximal to the grenade launcher barrel latch for translation with respect thereto such that a portion of said locking plate intercepts a travel
10 path for the grenade launcher barrel latch, thereby preventing disengagement of a grenade launcher barrel from the grenade launcher receiver via unintentional actuation of the grenade launcher barrel latch.

15 2. The locking device of claim 1 wherein said locking plate includes a first surface, and a second surface opposite said first surface.

20 3. The locking device of claim 2 wherein a portion of said first surface of said locking plate includes a barrel latch receiving surface.

25 4. The locking device of claim 3 wherein said barrel latch receiving surface includes a ramped portion.

5. The locking device of claim 3 wherein said second surface of said locking plate is adapted to cooperatively engage a portion of the grenade launcher receiver so as to resist

translation.

5 6. The locking device of claim 5 wherein said second surface of said locking plate is adapted to seat a detent.

7. The locking device of claim 6 wherein said second surface of said locking plate is adapted to seat a detent at first and second positions with respect thereto.

10 8. The locking device of claim 7 wherein said second surface of said locking plate includes spaced apart dimples.

15 9. The locking device of claim 8 wherein said spaced apart dimples correspond to said first and second positions of said second surface of said locking plate.

20 10. The locking device of claim 5 wherein a second end portion of said elongate member is configured to facilitate translation of said locking device.

11. The locking device of claim 10 wherein a second end portion terminates in a finger rest.

25 12. The locking device of claim 5 wherein a second opposing end portion of said body includes means for actuating said device between a lock-on and a lock-off position.

13. The locking device of claim 10 wherein each opposing end

portion of said opposing end portions of said body includes a slot.

5 14. A barrel latch safety for a grenade launcher having a barrel slidable upon a receiver via actuation of a barrel latch, said safety comprising a locking plate and an elongate member extending from a portion thereof so as to define a crotch between said elongate member and a side edge of said locking plate, said safety adapted to be positioned on the receiver, a surface adjacent said side edge of said locking plate capable of prohibiting barrel latch actuation upon translation of said safety relative to the receiver.

15. A grenade launcher comprising:

- 15 a. a barrel in operative engagement with a receiver assembly, said receiver assembly including a barrel latch for securing said barrel in an operable position relative to said receiver assembly; and,
- 20 b. a barrel latch lock, selectively positionable on said receiver assembly in furtherance of locking-out said barrel latch, comprising a latch block for prohibition of actuation of said barrel latch.